



Robert Greene Sterne  
Jorge A. Goldstein  
David K.S. Cornwell  
Robert W. Esmond  
Tracy-Gene G. Durkin  
Michele A. Cimbala  
Michael B. Ray  
Robert E. Sokohl  
Eric K. Steffe  
Michael Q. Lee  
John M. Covert  
Robert C. Millonig  
Donald J. Featherstone  
Timothy J. Shea, Jr  
Michael V. Messinger  
Judith U. Kim  
Patrick E. Garrett

Jeffrey T. Helvey  
Eldora L. Ellison  
Thomas C. Fiala  
Donald R. Banowitz  
Peter A. Jackman  
Jeffrey S. Weaver  
Brian J. Del Buono  
Mark Fox Evens  
Edward W. Yee  
Vincent L. Capuano  
Virgil Lee Beaton  
Theodore A. Wood  
Elizabeth J. Haanes  
Joseph S. Ostroff  
Daniel A. Klein  
Jason D. Eisenberg  
Michael D. Specht

Tracy L. Muller  
Jon E. Wright  
LuAnne M. DeSantis  
Ann E. Summerfield  
Helene C. Carlson  
Cynthia M. Bouchez  
Timothy A. Doyle  
Gaby L. Longworth  
Lori A. Gordon  
Laura A. Vogel  
Bryan S. Wade  
Bashir M.S. Ali  
Shannon A. Carroll  
Anbar F. Khal  
Michelle K. Holoubek  
Marsha A. Rose  
Young Tang

Christopher J. Walsh  
W. Blake Coblenz  
James J. Pohl\*  
John T. Haran  
Mark W. Rygiel  
Kevin W. McCabe  
Michael R. Malek\*  
Doyle A. Siever\*  
Ulrike Winkler\*

**Registered Patent Agents\***  
Karen R. Markowicz  
Matthew J. Dowd  
Katrina Yujian Pei Quach  
Bryan L. Skelton  
Robert A. Schwartzman  
Julie A. Heider  
Mita Mukherjee

Scott M. Woodhouse  
Peter A. Socarras  
Jeffrey K. Mills  
Danielle L. Letting  
Lori Brandes  
Steven C. Oppenheimer

**Of Counsel**  
Edward J. Kessler  
Kenneth C. Bass III  
Marvin C. Guthrie

\*Admitted only in Maryland  
\*Admitted only in Virginia  
•Practice Limited to  
Federal Agencies

January 24, 2007

**WRITER'S DIRECT NUMBER:**

(202) 772-8679

**INTERNET ADDRESS:**

TSHEA@SKGF.COM

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**Art Unit 1652**

**Attn: Mail Stop Amendment**

Re: U.S. Utility Patent Application  
Application No. 10/782,002; Filed: February 20, 2004  
For: **Novel Cellulases, The Genes Encoding Them and Uses Thereof**  
Inventors: Miettinen-Oinonen *et al.*  
Our Ref: 1716.051000A/TJS/JJY

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Amendment and Reply Under 37 C.F.R. § 1.111; and
2. Return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier.

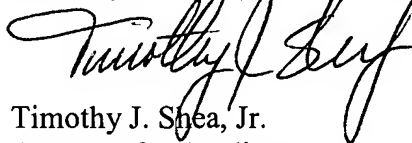
In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents  
January 24, 2007  
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Timothy J. Shea, Jr.  
Attorney for Applicants  
Registration No. 41,306

TJS/pcd  
Enclosure(s)

633891\_1.DOC



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Miettinen-Oinonen *et al.*

Appl. No.: 10/782,002

Filed: February 20, 2004

For: **Novel Cellulases, The Genes  
Encoding Them and Uses Thereof**

Confirmation No.: 5790

Art Unit: 1652

Examiner: Charles L. Patterson, Jr.

Atty. Docket: 1716.051000A/TJS/JJY

**Amendment and Reply Under 37 C.F.R. § 1.111**

***Mail Stop Amendment***

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

In reply to the Office Action dated October 24, 2006, Applicants submit the following Amendment and Remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks and Arguments begin on page 24 of this paper.

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 19-0036.